

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	1084	electrophoretic near display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	344	345/107.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	442	359/296.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	1883	(445/24-25).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	30319	active adj matrix	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	633	345/55.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	3145	2 or 3 or 6 or 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	17070	pixel adj electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L9	22940	common adj electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L10	258	erase and (display adj content)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L11	26820	microcapsules	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L12	16328	microencapsulat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
13	BRS	L13	65747	applied adj voltage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	L14	68	1 and 7 and 13	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
15	BRS	L15	23	14 and (11 or 12)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
16	BRS	L16	2	6445489.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	BRS	L17	28	1 and 5 and 8 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
18	BRS	L18	2	6369792.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L19	2	1 and 8 and 9 and 10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	BRS	L20	35	1 and 8 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L21	74228	erase or erasure	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L22	40	1 and 13 and 21	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23	BRS	L23	78	reset and 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L24	51	7 and 23	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
25	BRS	L25	9	2 and 8 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	BRS	L28	2	6184856.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27	BRS	L29	295	345/107.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB
28	BRS	L30	79	1 and 5	USPAT; EPO; JPO; DERWENT; IBM_TDB
29	BRS	L31	27335	counter adj electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	BRS	L32	21	1 and 8 and 31	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	BRS	L33	51070	(thin adj film adj transistor) or TFT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	BRS	L34	170	1 and 33	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	BRS	L35	112	pixel and 1 and 2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	BRS	L36	82	pixel and 1 and 2	USPAT; EPO; JPO; DERWENT; IBM_TDB

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1	20031118	13	Electrophoretic display device	US 6650463 B2	359/296	204/450; 204/600; 345/107
2	20031118	72	Method and circuit for driving electrophoretic display and electronic device using same	US 6650462 B2	359/296	345/107; 345/86; 359/238; 359/290
3	20031028	93	Electrophoretic display device and method for addressing display device	US 6639580 B1	345/107	345/105; 359/296; 359/297
4	20031028	22	Flexible displays	US 6639578 B1	345/107	204/606; 349/86; 359/296
5	20030805	20	Display device with moving pixel members	US 6603457 B1	345/107	345/105; 345/106; 345/108; 345/110; 345/111; 345/85; 359/296
6	20030624	11	Method for producing display panel and display panel	US 6583780 B1	345/107	345/106; 345/111; 345/88; 359/237; 359/250; 359/253; 359/296
7	20030603	13	Applications for electronic reusable paper	US 6573880 B1	345/87	313/498; 315/169.3; 340/571; 340/815.4; 345/107; 381/300
8	20030401	14	Display device and manufacturing method therefor	US 6542284 B2	359/296	345/107
9	20030325	42	Electrophoretic displays using nanoparticles	US 6538801 B2	359/296	345/107

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10	20030318	16	Electrophoretic display device	US 6535326 B2	359/296	204/450; 204/600; 345/105; 345/107; 359/240; 359/241; 359/245; 359/248
11	20030311	37	Methods for addressing electrophoretic displays	US 6531997 B1	345/107	204/606; 315/169.3; 345/210; 345/87; 345/95; 345/97; 349/35; 359/296
12	20030225	36	Electrophoretic display and method for producing same	US 6525865 B2	359/296	345/107; 430/32
13	20030211	18	Electronic displays using organic-based field effect transistors	US 6518949 B2	345/107	257/40; 257/E27.111; 257/E51.006; 345/206
14	20030204	52	Reversible image display medium and image display method	US 6515790 B2	359/296	345/107
15	20030204	33	Suspended particle displays and materials for making the same	US 6515649 B1	345/107	204/450; 204/600; 349/89; 359/296; 427/213.3
16	20030107	25	Addressing methods for displays having zero time-average field	US 6504524 B1	345/107	315/169.3; 345/210; 345/48; 345/84; 349/86; 359/296; 359/297

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17	20021126	49	Display device and method of driving the same	US 6486866 B1	345/107	345/84; 359/296
18	20021126	23	Method and apparatus for a display producing a fixed set of images	US 6486861 B1	345/87	345/107; 345/40; 345/629; 345/641; 359/295; 359/296; 428/195.1
19	20021112	22	Printable electronic display	US 6480182 B2	345/107	345/205; 345/87; 349/41; 349/86; 349/89
20	20021029	32	Microencapsulated electrophoretic electrostatically-addressed media for drawing device applications	US 6473072 B1	345/173	345/107; 345/182
21	20021001	21	Displays combining active and non-active inks	US 6459418 B1	345/107	345/87; 345/901; 349/187; 349/86; 359/296
22	20020903	18	Electrophoretic displays and systems for addressing such displays	US 6445489 B1	359/296	204/450; 204/606; 345/107
23	20020625	24	Image display medium, image-forming method, image-forming apparatus and initializer	US 6411316 B1	347/112	345/107; 347/153; 359/296
24	20020618	52	Image display medium, image-forming method and image-forming apparatus capable of repetitive writing on the image display medium	US 6407763 B1	347/112	345/107; 347/153; 359/296

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25	20020521	35	Non-spherical cavity electrophoretic displays and materials for making the same	US 6392785 B1	359/296	204/487; 204/606; 257/E51.005; 264/4; 264/8; 345/107; 427/213.3
26	20020430	15	Electronic display	US 6380922 B1	345/107	324/435
27	20020423	37	Methods for producing droplets for use in capsule-based electrophoretic displays	US 6377387 B1	359/296	264/4; 264/4.1; 345/107; 424/450
28	20020416	18	Piezoelectric transducer and electrophoretic ink display apparatus using piezoelectric transducer	US 6373461 B1	345/107	310/328; 345/205; 359/296
29	20020409	18	Printed display and battery	US 6369793 B1	345/107	429/110; 429/124
30	20020409	7	Low power high resolution electrochemical display	US 6369792 B1	345/107	359/290
31	20020122	10	Modifiable display having fixed image patterns	US 6340965 B1	345/107	345/111; 345/84; 345/85; 345/86; 345/88; 359/296; 359/298
32	20011225	25	Image displaying medium containing at least two kinds of particles having different colors and different characteristics, method for displaying image using same and image displaying apparatus including same	US 6333754 B1	347/112	345/107; 347/153; 359/296

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33	20011204	12	Color image device with integral heaters	US 6326944 B1	345/106	345/107; 345/108; 347/112
34	20011127	26	Electrophoretic displays using nanoparticles	US 6323989 B1	359/296	345/107
35	20011009	31	Electrophoretic displays with luminescent particles and materials for making the same	US 6300932 B1	345/107	204/606; 345/85; 349/86; 359/296
36	20010807	14	Reflective electrophoretic display with laterally adjacent color cells using a reflective panel	US 6271823 B1	345/107	359/296
37	20010717	27	Capsules for electrophoretic displays and methods for making the same	US 6262833 B1	359/296	204/450; 204/606; 264/4; 345/107
38	20010717	32	Retroreflective electrophoretic displays and materials for making the same	US 6262706 B1	345/107	204/606; 257/E27.111; 345/85; 349/86; 359/296
39	20010626	18	Tiled displays	US 6252564 B1	345/1.3	345/107; 345/85
40	20010619	33	Retroreflective electrophoretic displays and materials for making the same	US 6249271 B1	345/107	257/E27.111; 349/86; 349/89; 359/530; 359/536; 359/538; 359/539; 359/541
41	20010501	13	Reflective electrophoretic display with laterally adjacent color cells using an absorbing panel	US 6225971 B1	345/107	359/296



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42	20010424	27	Charge retention islands for electric paper and applications thereof	US 6222513 B1	345/84	345/107; 345/85; 345/86; 359/296
43	20010206	11	Transmissive electrophoretic display with laterally adjacent color cells	US 6184856 B1	345/107	359/296
44	20001107	10	Transmissive electrophoretic display with vertical electrodes	US 6144361 A	345/107	359/296
45	20000912	24	Transducers and indicators having printed displays	US 6118426 A	345/107	315/150; 324/96; 340/5.2; 340/825.56; 345/108; 359/296; 40/455; 429/93
46	20000523	31	Process for creating an encapsulated electrophoretic display	US 6067185 A	359/296	204/478; 204/606; 252/583; 264/8; 345/107; 430/34; 430/35
47	19991109	61	Fabrication of a twisting ball display having two or more different kinds of balls	US 5982346 A	345/85	345/107; 359/296
48	19991102	9	Producing a non-emissive display having a plurality of pixels	US 5975680 A	347/43	345/107; 347/103
49	19990622	34	Gyricon display with interstitially packed particles	US 5914805 A	359/296	345/107

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50	19990406	63	Additive color transmissive twisting ball display	US 5892497 A	345/107	345/108; 349/112; 349/117; 349/188; 359/296; 427/214
51	19981020	33	Gyricon display with no elastomer substrate	US 5825529 A	359/296	345/107; 427/212
52	19980616	65	Subtractive color twisting ball display	US 5767826 A	345/84	345/107; 359/296
53	19980602	63	Highlight color twisting ball display	US 5760761 A	345/107	252/299.01; 264/4.1; 264/8; 349/86; 349/89; 359/296; 428/320.2; 428/323; 428/402.21
54	19980519	33	Monolayer gyricon display	US 5754332 A	359/296	345/107; 427/212
55	19980512	64	Pseudo-four color twisting ball display	US 5751268 A	345/107	345/84
56	19980407	65	Additive color tristate light valve twisting ball display	US 5737115 A	359/296	345/107; 345/108; 345/111; 349/112; 349/117; 349/188; 427/214
57	19980210	62	Canted electric fields for addressing a twisting ball display	US 5717515 A	359/296	345/107; 345/111; 349/117; 349/188; 427/214
58	19980210	62	Polychromal segmented balls for a twisting ball display	US 5717514 A	359/296	345/107; 427/214

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59	19980113	61	Applications of a transmissive twisting ball display	US 5708525 A	359/296	345/107; 427/214
60	19970506	11	Electrophoretic display panel with selective character addressability	US 5627561 A	345/107	359/296
61	19961210	27	Electrophoretic display utilizing phase separation of liquids	US 5582700 A	204/450	204/600; 345/105; 345/107
62	19961001	7	Electrophoretic display panel with arc driven individual pixels	US 5561443 A	345/107	313/484; 345/60; 359/296
63	19960312	7	Method of operation for reducing power, increasing life and improving performance of EPIDs	US 5499038 A	345/107	345/212; 359/296
64	19950502	13	Electrophoretic display panel and associated methods for blinking displayed characters	US 5412398 A	345/107	345/55; 345/59
65	19950502	7	Gas absorption additives for electrophoretic suspensions	US 5411656 A	345/107	313/483
66	19950328	8	Electrophoretic display panel with arc driven individual pixels	US 5402145 A	345/107	313/484; 359/296
67	19950214	10	Writing system including paper-like digitally addressed media and addressing device therefor	US 5389945 A	345/85	345/107; 345/84
68	19941025	13	Electrophoretic display panel and associated methods for blinking displayed characters	US 5359346 A	345/107	345/467; 345/473
69	19940906	14	Electrophoretic display panel with interleaved cathode and anode	US 5345251 A	345/107	359/296

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71	19940104		Electrophoretic display panel with internal mesh background screen	US 5276438 A	345/107	340/296
72	19931130		Method for writing data to an electrophoretic display panel	US 5266937 A	345/107	345/84
73	19931019		Electrophoretic display employing gray scale capability utilizing area modulation	US 5254981 A	345/107	345/694
74	19930921		Method of operation for reducing power, increasing life and improving performance of EPIDs	US 5247290 A	345/107	359/296
75	19930629		Electrophoretic display with single character erasure	US 5223115 A	359/238	345/107
76	19930105		Methods of fabricating dual anode, flat panel electrophoretic displays	US 5177476 A	345/107	359/296
77	19911119		Electrophoretic display panel with selective line erasure	US 5066946 A	345/107	359/296
78	19911001		Dual anode flat panel electrophoretic display apparatus	US 5053763 A	345/107	359/296
79	19910820		Semitransparent electrophoretic information displays (EPID) employing mesh like electrodes	US 5041824 A	345/107	359/296

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80	19900807		Apparatus and methods for pulsing the electrodes of an electrophoretic display for achieving faster display operation	US 4947157 A	345/107	359/296
81	19890523		Electrophoretic information display (EPID) apparatus employing grey scale capability	US 4833464 A	345/107	359/296
82	19870811	8	Photosensitive electrophoretic displays	US 4686524 A	345/107	359/296

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1	20031120	22	Display medium	US 20030214475 A1	345/87	
2	20031120	25	System and methods for providing organic electro-luminescence elements	US 20030214227 A1	313/504	313/509
3	20031106	30	Matrix driven electrophoretic display with multilayer back plane	US 20030206331 A1	359/296	
4	20030925	30	Display device and process of producing the same	US 20030179191 A1	345/204	
5	20030918	17	Display device and method of fabricating the same	US 20030173890 A1	313/498	
6	20030828	14	Color display device	US 20030160916 A1	349/106	
7	20030724	34	Methods for driving bistable electro-optic displays, and apparatus for use therein	US 20030137521 A1	345/589	
8	20030410	23	Electrophoretic device, method for driving electrophoretic device, circuit for driving electrophoretic device, and electronic device	US 20030067666 A1	359/296	
9	20030403	19	Electrophoretic device, method for manufacturing electrophoretic device, and electronic apparatus	US 20030063369 A1	359/296	359/197
10	20030327	24	Electrophoretic device, electronic apparatus, and manufacturing method for the electrophoretic device	US 20030058521 A1	359/296	
11	20030213	11	Electrostatic discharge protection for pixelated electronic device	US 20030030054 A1	257/72	257/355; 257/356; 257/59; 349/54

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12	20030206	22	Electro-optical device, electronic apparatus, method for forming a colored layer, and method for manufacturing the electro-optical device	US 20030025985 A1	359/296	
13	20030206	33	Electro-optic display and lamination adhesive	US 20030025855 A1	349/86	
14	20030109	56	System and methods for manufacturing a color filter using a scanning ink jet head	US 20030007033 A1	347/40	
15	20030102	47	Color filter substrate, method for manufacturing color filter substrates, liquid crystal display device, electro-optical device, method of manufacturing electro-optical device, and electronic apparatus	US 20030001992 A1	349/106	
16	20020808	33	Fabrication of electronic circuit elements using unpatterned semiconductor layers	US 20020106847 A1	438/200	
17	20020523	32	Minimally-patterned, thin-film semiconductor devices for display applications	US 20020060321 A1	257/66	
18	20020328	22	Display device and recording medium	US 20020036616 A1	345/107	
19	20020321	21	Electrophoretic display	US 20020033792 A1	345/107	
20	20020221	75	Method and circuit for driving electrophoretic display and electronic device using same	US 20020021483 A1	359/267	359/265; 359/273

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21	20020124	37	Electrophoretic display and method for producing same	US 20020008898 A1	359/296	359/237; 359/290; 359/294; 359/295
22	20020117	54	Method and circuit for driving electrophoretic display, electrophoretic display and electronic device using same	US 20020005832 A1	345/107	
23	20031118	72	Method and circuit for driving electrophoretic display and electronic device using same	US 6650462 B2	359/296	345/107; 345/86; 359/238; 359/290
24	20030225	36	Electrophoretic display and method for producing same	US 6525865 B2	359/296	345/107; 430/32
25	20020416	18	Piezoelectric transducer and electrophoretic ink display apparatus using piezoelectric transducer	US 6373461 B1	345/107	310/328; 345/205; 359/296
26	20011106	21	Assembly of microencapsulated electronic displays	US 6312304 B1	445/24	313/506
27	19951024	18	Display device	US 5461400 A	345/182	345/104
28	20020306	21	Active matrix electrophoretic display for liquid crystal television/electronic calculator, has pixel electrodes and common electrodes set to low and high potentials for erasing and rewriting data in ink layer	EP 1184714 A		